

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: See attachedApplication No./Patent No.: See attached Filed/Issue Date: See attachedEntitled: See attached

**Broadcom Corporation**, a **California Corporation**  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
 (The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel see, Frame attached, or for which a copy thereof is attached.

**OR**

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

<u>/Bruce E. Garlick/</u>		<u>1/20/12</u>
Signature		Date
<u>Bruce E. Garlick</u>	<u>Reg. No. 36,520</u>	<u>(512) 751-5682</u>
Printed or Typed Name		Telephone Number
<u>Practitioner associated with USPTO CN 51,472</u>		
Title		

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**Broadcom 3.73(b)/POA List**

<b>Docket No.</b>	<b>Applicant/Patent Owner</b>	<b>File Date</b>	<b>Application No.</b>	<b>Conf No.</b>	<b>Title</b>	<b>Reel/Frame</b>
BP1950C1	Kolze, et al.	12/11/2007	12/001,316	2966	DETECTION AND MITIGATION OF TEMPORARY IMPAIRMENTS IN A COMMUNICATIONS CHANNEL	012931/0445
BP1950C2	Kolze, et al.	11/29/2011	13/306,400	4967	DETECTION AND MITIGATION OF TEMPORARY IMPAIRMENTS IN A COMMUNICATIONS CHANNEL	012931/0445
BP21534	Ojard, et al.	04/16/2010	12/761,567	1454	METHOD AND SYSTEM FOR BEAMFORMING SIGNAL TRANSMISSION UNDER A PER-ANTENNA POWER CONSTRAINT	024404/0465
BP21593	Karaoguz, et al.	11/18/2010	12/948,975	4966	SYSTEM AND METHOD FOR MONITORING AND REPORTING PRESENTATION OF RECORDED ADVERTISING CONTENT	025584/0409
BP21773	Karaoguz, et al.	03/09/2011	13/043,829	9599	TACTILE COMMUNICATION SYSTEM	026680/0610
BP2567C5	Karaoguz, et al.	02/02/2009	12/363,934	3056	METHOD OF CREATING INCENTIVES FOR USING WIRELESS HOTSPOT LOCATIONS	022403/0934
BP2567C6	Karaoguz, et al.	01/03/2011	12/983,791	1060	METHOD OF CREATING INCENTIVES FOR ESTABLISHING HOTSPOT LOCATIONS	022403/0934
BP2569	Karaoguz, et al.	12/10/2002	10/315,187	1190	ADVERTISING AND CONTROLLING THE ADVERTISEMENT OF WIRELESS HOT SPOTS	013560/0015
BP2569C1	Karaoguz, et al.	12/12/2011	13/316,721	5911	ADVERTISING AND CONTROLLING THE ADVERTISEMENT OF WIRELESS HOT SPOTS	013560/0015
BP2572C2	Karaoguz, et al.	09/13/2011	13/231,379	3385	CONTROLLING AND ENHANCING HANDOFF BETWEEN WIRELESS ACCESS POINTS	013569/0033
BP2573C1	Jeyhan Karaoguz	09/18/2007	11/902,010	5835	Using signal-generated location information to identify and list available devices	013560/0771
BP2573C2	Jeyhan Karaoguz	02/02/2009	12/364,392	3924	Using Signal-Generated Location Information to Identify and List Available Devices	013560/0771
BP2575	Jeyhan Karaoguz	12/09/2002	10/314,292	1367	Using location information to control transmission signal levels of wireless devices	013560/0754
BP2576C1	Jeyhan Karaoguz	09/07/2010	12/876,613	1687	METHOD OF DETERMINING OPTIMAL CELL CONFIGURATION BASED UPON DETERMINED DEVICE LOCATION	013559/0823
BP2578C1	Karaoguz, et al.	08/10/2009	12/538,331	7171	OPTIMIZING NETWORK CONFIGURATION FROM ESTABLISHED USAGE PATTERNS OF ACCESS POINTS	013697/0165
BP2580C1	Karaoguz, et al.	07/14/2011	13/183,033	7536	Software Applications Incorporating Functionalities Based in Data-Type and Access	026014/0901
BP2612	Karaoguz, et al.	06/26/2003	10/606,503	5221	tion system and method for discovering end-points that utilize a link layer connection in a wired/wireless local area network	013895/0849
BP2726	Martin, et al.	09/09/2003	10/658,450	4742	System and method for access point (AP) aggregation and resiliency in a hybrid wired/wireless local area network	014225/0162

**Broadcom 3.73(b)/POA List**

<b>Docket No.</b>	<b>Applicant/Patent Owner</b>	<b>File Date</b>	<b>Application No.</b>	<b>Conf No.</b>	<b>Title</b>	<b>Reel/Frame</b>
BP2801.1	Bennett, et al.	09/26/2003	10/672,648	8226	Third-party access and control of media peripherals on a media exchange network	014244/0507
BP2801.2	Bennett, et al.	09/26/2003	10/672,601	1971	Automatic access and control of media peripherals on a media exchange network	014264/0504
BP2801C2	Bennett, et al.	06/07/2010	12/795,405	1858	SONAL ACCESS AND CONTROL OF MEDIA PERIPHERALS ON A MEDIA EXCHANGE NETWORK	014218/0696
BP2802	Karaoguz, et al.	09/30/2003	10/675,076	5075	Method and system for TV interface for coordinating media exchange with a media peripheral	014303/0351
BP2803	Karaoguz, et al.	09/30/2003	10/675,382	6840	Method and system for media processing providing access to distributed media via a channel guide	014252/0931
BP2804	Bennett, et al.	09/30/2003	10/675,073	7513	Method and system for media channel setup in a media exchange network	014666/0344
BP2805	Bennett, et al.	09/30/2003	10/675,467	5573	Method and system for personal channel programming in a media exchange network	014252/0914
BP2806	Bennett, et al.	09/30/2003	10/675,490	5995	Method and system for personal media program production in a media exchange network	014244/0422
BP2807	Karaoguz, et al.	09/30/2003	10/675,653	5800	Media processing system automatically offering access to newly available media in a media exchange network	014244/0495
BP2808	Bennett, et al.	09/30/2003	10/675,654	5801	Migration of stored media through a media exchange network	014252/0796
BP2809	Bennett, et al.	09/22/2003	10/667,829	1006	Media processing system supporting user captured media display sequencing when in idle state	014249/0376
BP2810	Karaoguz, et al.	09/30/2003	10/675,057	5837	Method and system for mixing broadcast and stored media in a media exchange network	015987/0448
BP2811	Bennett, et al.	09/22/2003	10/667,833	1002	Media exchange network supporting consumption of broadcast and user captured media	014255/0561
BP2812C2	Karaoguz, et al.	09/27/2011	13/246,163	8595	PORTABLE MEDIA PROCESSING UNIT IN A MEDIA EXCHANGE NETWORK	014266/0990
BP2813	Bennett, et al.	09/30/2003	10/675,489	6006	Method and system for media exchange network with service user interface	014244/0625
BP2814	Bennett, et al.	09/30/2003	10/675,081	5083	Method and system for media exchange network functionality synchronized with media broadcasting	014252/0787
BP2815	Bennett, et al.	09/30/2003	10/675,193	5333	Method and system for media exchange network functionality accessed via media processing system key code entry	014249/0876
BP2817	Karaoguz, et al.	09/30/2003	10/675,448	5601	Media exchange network supporting local and remote personalized media overlay	014244/0499
BP2818C1	Karaoguz, et al.	08/24/2011	13/216,457	4158	CARD-BASED AND INDEPENDENT SERVER-BASED BILLING AND AUTHORIZATION SYSTEM IN A MEDIA EXCHANGE NETWORK	014307/0154

**Broadcom 3.73(b)/POA List**

<b>Docket No.</b>	<b>Applicant/Patent Owner</b>	<b>File Date</b>	<b>Application No.</b>	<b>Conf No.</b>	<b>Title</b>	<b>Reel/Frame</b>
BP2819	Karaoguz, et al.	09/30/2003	10/675,904	6131	Media exchange network with media guide interface	014266/0973
BP2821C2	Karaoguz, et al.	06/28/2011	13/170,597	4131	MEDIA SEARCH ENGINE FOR A PERSONAL MEDIA NETWORK	014255/0569
BP2822	Karaoguz, et al.	09/26/2003	10/672,251	8832	Training device designed to improve the physical readiness level of the low back and pelvic girdle	014244/0522
BP2824	Bennett, et al.	09/30/2003	10/675,458	5610	Headend pre-processing media guide support for personal media exchange network	014244/0406
BP2825	Karaoguz, et al.	09/26/2003	10/672,654	8222	Media exchange network having media processing systems and personal computers with common user interfaces	014255/0557
BP2826	Karaoguz, et al.	09/30/2003	10/675,287	5434	Method and system for a media exchange network supporting transparent pc-to-pc media interchange interface	014340/0169
BP2827C1	Karaoguz, et al.	05/11/2011	13/105,313	2997	MEDIA EXCHANGE NETWORK SUPPORTING MULTIPLE BROADBAND NETWORK AND SERVICE PROVIDER INFRASTRUCTURES	014244/0481
BP2828	Karaoguz, et al.	09/30/2003	10/675,491	6014	Method and system for secure linking with authentication and authorization in a media exchange network	014291/0738
BP2829	Karaoguz, et al.	09/30/2003	10/675,843	6899	Automated routing of media through a media exchange network	014252/0233
BP2830.1C2	Karaoguz, et al.	09/13/2011	13/231,248	8564	SECURE MEDIA PERIPHERAL ASSOCIATION IN A MEDIA EXCHANGE NETWORK	014252/0904
BP2830C2	Karaoguz, et al.	04/12/2011	13/084,721	1656	SECURE LEGACY MEDIA PERIPHERAL ASSOCIATION WITH AUTHENTICATION IN A MEDIA EXCHANGE NETWORK	014252/0827
BP2831	Karaoguz, et al.	09/30/2003	10/675,443	5634	Server architecture supporting a personal media exchange network	014253/0137
BP2835	Karaoguz, et al.	09/26/2003	10/672,907	9187	Theft prevention of media peripherals in a media exchange network	014388/0241
BP2836	Karaoguz, et al.	09/22/2003	10/667,036	7866	BILLING SUPPORT IN A MEDIA EXCHANGE NETWORK	014266/0538
BP2836C1	Karaoguz, et al.	12/15/2011	13/326,601	1047	BILLING SUPPORT IN A MEDIA EXCHANGE NETWORK	014266/0538
BP2837C1	Karaoguz, et al.	08/16/2011	13/210,787	2823	MEDIA PROCESSING SYSTEM SUPPORTING ADAPTIVE DIGITAL MEDIA PARAMETERS BASED ON END-USER VIEWING CAPABILITIES	014271/0923
BP2839	Kellerman, et al.	09/30/2003	10/674,672	5006	Supporting multiple users from a single location sharing a media processing system via a personal media guide	014264/0574
BP2840C3	Karaoguz, et al.	07/26/2011	13/190,684	2647	PRINTER RESOURCE SHARING IN A MEDIA EXCHANGE NETWORK	014307/0163
BP2841	Karaoguz, et al.	09/30/2003	10/675,439	5630	Method and system for network storage in a media exchange network	014252/0816
BP2842	Karaoguz, et al.	09/30/2003	10/675,385	6838	Third party media channel access in a media exchange network	014252/0778
BP2843C2	Karaoguz, et al.	08/11/2009	12/539,361	9156	PURCHASING PERIPHERAL SUPPORT IN A MEDIA EXCHANGE NETWORK	014255/0632

**Broadcom 3.73(b)/POA List**

<b>Docket No.</b>	<b>Applicant/Patent Owner</b>	<b>File Date</b>	<b>Application No.</b>	<b>Conf No.</b>	<b>Title</b>	<b>Reel/Frame</b>
BP2844	Karaoguz, et al.	09/26/2003	10/672,864	1276	Remote management of TV viewing options in a media exchange network	014255/0646
BP2846	Karaoguz, et al.	09/30/2003	10/675,358	5972	Media processing system communicating activity information to support user interaction during media broadcasts	014255/0653
BP2848C1	Karaoguz, et al.	06/07/2011	13/155,024	2150	MAND BROADCAST CHANNELS AND CHANNEL PROGRAMMING BASED ON USER VIEWING HISTORY, PROFILING, AND REQUESTS	014255/0565
BP2849	Bennett, et al.	09/30/2003	10/675,903	6132	QUALITY OF SERVICE SUPPORT IN A MEDIA EXCHANGE NETWORK	014252/0801
BP2849C1	Karaoguz, et al.	11/15/2011	13/296,363	4117	QUALITY OF SERVICE SUPPORT IN A MEDIA EXCHANGE NETWORK	014252/0801
BP2850	Karaoguz, et al.	09/26/2003	10/672,664	9798	Media exchange network supporting delivery of media content to authorized vehicles via media processing system	014255/0553
BP2979C1	Karaoguz, et al.	08/07/2006	11/462,922	6094	MEDIA EXCHANGE NETWORK SUPPORTING REMOTE PERIPHERAL ACCESS	014309/0938
BP2979C1D1	Karaoguz, et al.	04/02/2009	12/417,389	6342	MEDIA EXCHANGE NETWORK SUPPORTING REMOTE PERIPHERAL ACCESS	014309/0938
BP2979C1D2	Karaoguz, et al.	04/02/2009	12/417,428	6419	MEDIA EXCHANGE NETWORK SUPPORTING REMOTE PERIPHERAL ACCESS	014309/0938
BP2980	Karaoguz, et al.	09/30/2003	10/675,410	6495	Personal streaming and broadcast channels in a media exchange network	014249/0382
BP2980C1	Karaoguz, et al.	05/20/2011	13/113,022	8722	PERSONAL STREAMING AND BROADCAST CHANNELS IN A MEDIA EXCHANGE NETWORK	014249/0382
BP2981C1	Karaoguz, et al.	09/09/2008	12/207,471	1774	MANAGEMENT OF MULTIMEDIA DISPLAY CONTENT IN A MEDIA EXCHANGE NETWORK	014264/0555
BP3261.1C2	Matthew James Fischer	12/13/2010	12/966,585	9038	SYSTEM AND METHOD FOR MESSAGE QUEUE MANAGEMENT IN A POWER- SAVE NETWORK	014647/0203
BP3261C1	Matthew James Fischer	10/02/2007	11/865,962	6283	SYSTEM AND METHOD FOR MEDIUM ACCESS CONTROL IN A POWER- SAVE NETWORK	014622/0955
BP3339	Trachewsky, et al.	04/02/2004	10/817,094	2127	RSSI slope calibration technique	014858/0614
BP3590	Jayadev, et al.	09/29/2004	10/953,056	3320	Data storage controller with Designated Transmit DMA Channel and Receive DMA Channel with Shared Tag Table	015966/0183
BP3598	Chris Wilson	04/15/2005	11/107,224	6069	Automatic setup of parameters in networked devices	016220/0424
BP3600	Rustagi, et al.	04/08/2005	11/101,734	7971	Graphical user interface for hard disk drive management in a data storage system	016208/0385
BP3608C1	Moorti, et al.	08/16/2011	13/210,676	2622	METHOD AND SYSTEM FOR MULTI-ANTENNA PREAMBLES FOR WIRELESS NETWORKS PRESERVING BACKWARD COMPATIBILITY	016183/0416

**Broadcom 3.73(b)/POA List**

<b>Docket No.</b>	<b>Applicant/Patent Owner</b>	<b>File Date</b>	<b>Application No.</b>	<b>Conf No.</b>	<b>Title</b>	<b>Reel/Frame</b>
BP3690	Aldana, et al.	05/25/2005	11/137,259	7186	MULTIPLE TRANSMIT ANTENNA INTERLEAVER DESIGN	017612/0869
BP3789C1	Fischer, et al.	06/21/2011	13/165,295	3562	NETWORK TIME RESERVATION CANCELLATION	016399/0868
BP3899C2	Jason A. Trachewsky	09/06/2011	13/226,068	2890	A LOW-RATE LONG-RANGE MODE FOR OFDM WIRELESS LANS	017495/0631
BP3955	Moorti, et al.	07/26/2005	11/188,803	8977	Pilot symbol transmission for multiple-transmit communication system	016970/0979
BP3956C2	Trachewsky, et al.	08/02/2011	13/196,082	3167	BACKWARD-COMPATIBLE LONG TRAINING SEQUENCES FOR WIRELESS COMMUNICATION NETWORKS	017568/0238
BP3962	Hansen, et al.	02/14/2005	11/056,154	4330	Encoding system and method for a transmitter in wireless communications	016282/0858
BP3963C1	Hansen, et al.	08/02/2011	13/196,659	2611	Method and System for Encoding a Signal for Wireless Communications	016288/0409
BP3964C1	Hansen, et al.	09/15/2009	12/559,824	9135	SIGNALING FORMAT FOR WIRELESS COMMUNICATIONS	016288/0650
BP3964C2	Hansen, et al.	12/12/2011	13/316,753	8300	SIGNALING FORMAT FOR WIRELESS COMMUNICATIONS	016288/0650
BP3965C2	Hansen, et al.	04/05/2011	13/080,258	1442	LONG TRAINING SEQUENCE METHOD AND DEVICE FOR WIRELESS COMMUNICATIONS	016288/0431
BP3966C1	Hansen, et al.	09/23/2008	12/232,720	2002	Device and method for transmitting long training sequence for wireless communications	016288/0421
BP3967C1	Joonsuk Kim	02/05/2010	12/701,217	9554	WIRELESS LOCAL AREA NETWORK SYSTEM USING SPACE-TIME BLOCK CODING (STBC) HAVING BACKWARD COMPATIBILITY WITH PRIOR STANDARDS	016028/0794
BP3969	Hansen, et al.	12/07/2004	11/005,100	5575	Low latency interleaving and deinterleaving	016065/0349
BP4010.10C1	Thawani, et al.	04/19/2011	13/089,413	1378	Method and System for Improved Communication Network Setup Utilizing Extended Terminals	016847/0718
BP4010.2C1	Plasinski, et al.	10/10/2011	13/269,989	4940	Transporting Configuration Protocol Messages Across a Distribution System (DS) in a Wireless Local Area Network (WLAN)	016807/0375
BP4010.3C1	Plasinski, et al.	07/25/2011	13/190,053	1419	Method and System for Exchanging Setup Configuration Protocol Information in Beacon Frames in a WLAN	016816/0094
BP4010.5	Carter, et al.	08/18/2005	11/208,275	8899	Architecture for supporting secure communication network setup in a wireless local area network (WLAN)	016807/0362
BP4010.6	Plasinski, et al.	08/18/2005	11/208,346	8869	Method and system for improved authentication for communications network setup	016847/0722
BP4010.7	George, et al.	08/18/2005	11/207,661	8093	Method and system for EAP encapsulation exchange for a setup configuration protocol in a WLAN	016847/0712

**Broadcom 3.73(b)/POA List**

<b>Docket No.</b>	<b>Applicant/Patent Owner</b>	<b>File Date</b>	<b>Application No.</b>	<b>Conf No.</b>	<b>Title</b>	<b>Reel/Frame</b>
BP4010.9	Thawani, et al.	08/18/2005	11/208,284	9208	METHOD AND SYSTEM FOR DISTRIBUTION OF CONFIGURATION INFORMATION AMONG ACCESS POINTS IN A WIRELESS LOCAL AREA NETWORK (WLAN) ACROSS A DISTRIBUTION SYSTEM (DS)	016847/0708
BP4010C1	Plasinski, et al.	08/05/2011	13/204,361	9678	Method and System for Improved Communication Network Setup	018380/0253
BP4285.1	Markel, et al.	04/22/2005	11/112,099	6536	Mobile communication device and system supporting media flow control	016297/0093
BP4350	Chris Wilson	01/25/2006	11/339,642	6375	Method and system of erasing data pool residing over multiple data storage drives	017638/0698
BP4355C2	Hansen, et al.	05/03/2011	13/100,014	2004	Method and System for Frame Formats for MIMO Channel Measurement Exchange	015968/0628
BP4366C1	Eric J. Ojard	04/15/2010	12/760,665	9520	EFFICIENT OPTIMAL ML DETECTOR	017110/0672
BP4371	Palm, et al.	01/23/2006	11/348,624	5722	Minimum intervention authentication of heterogeneous network technologies (MIAHNT)	017320/0447
BP4377C1	Joonsuk Kim	12/18/2008	12/338,895	6229	Method and System for Rate Selection Algorithm to Maximize Throughput in Close Loop Multiple Input Multiple Output (MIMO) Wireless Local Area Network (WLAN) System	016101/0743
BP4384C1	Kondylis, et al.	10/19/2010	12/907,385	1916	Method and System for Minimum Mean Squared Error Soft Interference Cancellation (MMSE-SIC) Based Suboptimal Maximum Likelihood (ML) Detection for Multiple Input Multiple Output (MIMO) Wireless System	017890/0678
BP4429	Hansen, et al.	06/09/2005	11/151,772	5063	Method and system for compromise greenfield preambles for 802.11n	016539/0735
BP4469C1	Ling Su	04/20/2010	12/763,670	5879	METHOD AND SYSTEM FOR AN ADAPTIVE VBLAST RECEIVER FOR WIRELESS MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) DETECTION	017405/0126
BP4494C1	Lance Flake	08/25/2010	12/868,271	5557	USING FRACTIONAL SECTORS FOR MAPPING DEFECTS IN DISK DRIVES	016652/0560
BP4720C2	Pham, et al.	03/31/2010	12/751,730	1148	LIZATION OF THE INTERNET PROTOCOL TO FACILITATE COMMUNICATION INVOLVING MOBILE DEVICES	017262/0789
BP4724C1	Morris, et al.	10/16/2007	11/873,164	1127	SYSTEM AND METHOD FOR SECURE BIOMETRIC IDENTIFICATION	017262/0789
BP4936D1	Vinko Erceg	03/23/2010	12/729,443	7221	METHOD AND SYSTEM FOR DIVERSITY PROCESSING INCLUDING USING DEDICATED PILOT METHOD FOR OPEN LOOP	018391/0428
BP4937	Erceg, et al.	02/15/2006	11/355,110	1387	Method and apparatus for processing transmit power control (TPC) commands in a wideband CDMA (WCDMA) network	017358/0852

**Broadcom 3.73(b)/POA List**

<b>Docket No.</b>	<b>Applicant/Patent Owner</b>	<b>File Date</b>	<b>Application No.</b>	<b>Conf No.</b>	<b>Title</b>	<b>Reel/Frame</b>
BP5114.1	Joonsuk Kim	01/06/2006	11/327,690	1869	Method and system for utilizing givens rotation expressions for asymmetric beamforming matrices in explicit feedback information	017307/0984
BP5114.2	Joonsuk Kim	06/09/2006	11/450,818	8283	Method and system for utilizing givens rotation to reduce feedback information overhead	018559/0460
BP5114C1	Joonsuk Kim	01/18/2011	13/008,118	8160	Method and System for Utilizing Tone Grouping With Givens Rotations to Reduce Overhead Associated With Explicit Feedback Information	017296/0026
BP5158	Carlos H. Aldana	01/30/2006	11/342,427	4410	Method and system for feedback of antenna beamforming	017319/0099
BP5210	Tony Kirke	06/07/2006	11/422,637	4522	METHOD AND SYSTEM FOR COMMUNICATION OF INFORMATION BY A HANDHELD COMMUNICATION DEVICE IN AN AD-HOC NETWORK	018479/0669
BP5211	Tony Kirke	06/07/2006	11/422,638	4523	HANDHELD COMMUNICATION DEVICE FOR COMMUNICATION OF INFORMATION	023321/0152
BP5212	Tony Kirke	06/07/2006	11/422,640	4526	METHOD AND SYSTEM FOR DISCOVERING COMMUNICATION DEVICES	023816/0115
BP5213	Tony Kirke	06/07/2006	11/422,645	4531	METHOD AND SYSTEM FOR PROVIDING CONTINUITY OF SERVICE WITH AN EXISTING COMMUNICATION NETWORK	023321/0203
BP5214	Tony Kirke	06/07/2006	11/422,649	4537	METHOD AND SYSTEM FOR DELIVERING MESSAGES TO ONE OR MORE HANDHELD COMMUNICATION DEVICES	022349/0105
BP5215	Tony Kirke	06/04/2006	11/422,657	4545	METHOD AND SYSTEM FOR ENABLING RECEPTION OF TARGETED SERVICES TO A HANDHELD COMMUNICATION DEVICE	017953/0349
BP5216	Tony Kirke	06/07/2006	11/422,664	4554	METHOD AND SYSTEM FOR ENABLING ACCESS TO EMERGENCY SERVICES VIA A HANDHELD COMMUNICATION DEVICE	017953/0250
BP5218	Kim, et al.	03/30/2006	11/393,224	8306	Method and system for quantization for a general beamforming matrix in feedback information	018024/0552
BP5260	Fischer, et al.	06/16/2006	11/454,207	6132	Method and system for bridging and routing offload in a multiport wireless system	018053/0020
BP5282	Karaoguz, et al.	07/25/2006	11/492,667	7073	Method and system for content-aware mapping/error protection	018189/0763
BP5283	Karaoguz, et al.	07/25/2006	11/492,391	6846	Method and system for providing visually related content description to the physical layer	018143/0633
BP5284	Honary, et al.	07/25/2006	11/492,721	7685	Method and system for content-aware mapping/error protection using different spatial streams	018154/0858
BP5285	Hooman Honary	07/25/2006	11/492,381	6840	Method and system for medium access control (MAC) layer specialization for voice and multimedia data streams	018143/0590



**Broadcom 3.73(b)/POA List**

<b>Docket No.</b>	<b>Applicant/Patent Owner</b>	<b>File Date</b>	<b>Application No.</b>	<b>Conf No.</b>	<b>Title</b>	<b>Reel/Frame</b>
BP5289C1	Ariyavisitakul, et al.	02/16/2010	12/706,042	9905	METHOD AND SYSTEM FOR MINIMIZING EFFECTS OF TRANSMITTER IMPAIRMENTS IN MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) BEAMFORMING COMMUNICATION SYSTEMS	018578/0655
BP5291	Lance Flake	03/29/2006	11/391,862	6284	OPTIMIZED TRANSMISSION OF SIGNALS BETWEEN A DISK DRIVE CONTROLLER AND A MOTOR CONTROLLER USING A SERIAL PORT	017939/0919
BP5338C1	Karaoguz, et al.	01/12/2011	13/005,247	2095	METHOD AND SYSTEM FOR REDUNDANCY-BASED DECODING OF VOICE CONTENT IN A WIRELESS LAN SYSTEM	018176/0527
BP5338I1	Karaoguz, et al.	03/15/2007	11/686,876	7157	METHOD AND SYSTEM FOR REDUNDANCY-BASED DECODING OF VIDEO CONTENT IN A WIRELESS SYSTEM	019187/0304
BP5474	Honary, et al.	03/07/2007	11/683,187	1416	METHOD AND SYSTEM FOR MEDIUM ACCESS CONTROL (MAC) RATE SELECTION	019108/0654
BP5475	Karaoguz, et al.	09/28/2006	11/536,325	8864	METHOD AND SYSTEM FOR DISTRIBUTED INFRASTRUCTURE FOR STREAMING DATA VIA MULTIPLE ACCESS POINTS	018449/0761
BP5528	Joonsuk Kim	09/27/2006	11/535,794	8108	Method And System For Explicit Feedback With Sounding Packet For Wireless Local Area Networks (WLAN)	018578/0571
BP5674	Christopher J. Hansen	10/20/2006	11/584,213	4688	Method and system for high speed wireless data transmission between communication devices	018578/0728
BP5839	Erceg, et al.	08/29/2007	11/847,022	1450	METHOD AND SYSTEM FOR AN IMPROVED MIMO MODULATION CODING SET FEEDBACK SYSTEM	020292/0705
BP5858	Matthew James Fischer	11/07/2007	11/936,597	1122	SERIAL CLEAR TO SEND (CTS) TO SELF (CTS2SELF) MESSAGING PROCEDURE	020205/0439
BP5926	Fischer, et al.	12/07/2007	11/952,202	9812	METHOD AND SYSTEM FOR COEXISTENCE BETWEEN 20 MHZ AND 40 MHZ OVERLAPPING BASIC SERVICE SETS (OBSS) IN WIRELESS LOCAL AREA NETWORKS	020579/0548
BP5952	Fischer, et al.	08/27/2007	11/845,377	8618	METHOD AND SYSTEM FOR AN AD HOC WIRELESS NETWORK WITH MASTER CONTROL OF NETWORK PARAMETERS	020267/0799
BP6163	Mark Gonikberg	11/26/2007	11/944,955	6509	METHOD AND SYSTEM FOR WIRELESS LOCAL AREA NETWORK (WLAN) PHASE SHIFTER TRAINING	020272/0566
BP6163C1	Mark Gonikberg	12/05/2011	13/310,938	3879	Method and System for Wireless Local Area Network (WLAN) Phase Shifter Training	020272/0566
BP6164C1	Mark Gonikberg	07/18/2011	13/185,268	1982	Method and System for Using a Wireless Local Area Network (WLAN) Phase Shifter for Smart Antenna Beam Steering	021272/0440

**Broadcom 3.73(b)/POA List**

<b>Docket No.</b>	<b>Applicant/Patent Owner</b>	<b>File Date</b>	<b>Application No.</b>	<b>Conf No.</b>	<b>Title</b>	<b>Reel/Frame</b>
BP6182	Prasinski, et al.	03/05/2008	12/042,928	4298	INFRASTRUCTURE OFFLOAD WAKE ON WIRELESS LAN (WOWL)	020607/0969
BP6182.1	Henry Prasinski	03/27/2008	12/056,817	1228	Method and System For Network Infrastructure Offload Traffic Filtering	021272/0698
BP6403	Yasantha N. Rajakurunayake	06/15/2007	11/763,831	4410	METHOD AND SYSTEM FOR RECEIVING CONTENT OVER CONCURRENT MULTICHANNELS	019561/0656
BP6441.1C1	Hansen, et al.	01/04/2011	12/984,006	1503	METHOD AND SYSTEM FOR MULTISESSION COMMUNICATION USING MULTIPLE PHYSICAL (PHY) LAYERS	019986/0453
BP6441.1C2	Hansen, et al.	12/09/2011	13/316,284			019986/0453
BP6441C1	Hansen, et al.	09/23/2010	12/889,115	5726	METHOD AND SYSTEM FOR UTILIZING A HIGH FREQUENCY PHY LAYER FOR HIGH SPEED DATA TRANSMISSION BETWEEN WIRELESS DEVICES	019986/0476
BP6442	Hansen, et al.	09/04/2007	11/849,812	6356	METHOD AND SYSTEM FOR LOW RATE MAC/PHY FOR 60 GHZ TRANSMISSION	019986/0548
BP6443C1	Hansen, et al.	09/14/2001	13/232,697	5732	Method and System for 60 GHz Antenna Adaptation and User Coordination Based on Base Station Beacons	020087/0784
BP6444C1	Hansen, et al.	03/21/2011	13/052,923	7346	METHOD AND SYSTEM FOR 60 GHZ LOCATION DETERMINATION BASED ON VARYING ANTENNA DIRECTION AND COORDINATION OF WLAN/WPAN/GPS MULTIMODE DEVICES	020200/0022
BP6467	Kim, et al.	09/28/2007	11/864,611	3793	METHOD AND SYSTEM FOR SFBC/STBC IN A COMMUNICATION DIVERSITY SYSTEM USING ANGLE FEEDBACK	020377/0129
BP6468	Joonsuk Kim	09/24/2007	11/860,337	6396	METHOD AND SYSTEM FOR SFBC/STBC IN A DIVERSITY TRANSMISSION SYSTEM USING ALAMOUTI CODES	020268/0016
BP6521	Erceg, et al.	06/25/2008	12/146,093	4456	METHOD AND SYSTEM FOR ADAPTATION BETWEEN DIFFERENT CLOSED-LOOP, OPEN-LOOP AND HYBRID TECHNIQUES FOR MULTIPLE ANTENNA SYSTEMS	021277/0329
BP6551	Wang, et al.	11/14/2007	11/939,711	6489	METHOD AND SYSTEM FOR AN EFFICIENT TIME ELEMENT SUPPORTING MULTIPLE BSSES IN A WIRELESS LAN	020271/0430
BP6700	Daniel Daum	01/16/2009	12/355,015	5872	Method and System for Time Based WLAN Scanning	023825/0772
BP6740	Aldana, et al.	08/29/2008	12/201,737	9983	METHOD AND SYSTEM FOR A TRANSMITTING ANTENNA SELECTION FAILURE RECOVERY MODE	021815/0103
BP6741	Kim, et al.	08/12/2008	12/190,272	8497	METHOD AND SYSTEM FOR BEAMFORMING IN A MULTIPLE USER MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) COMMUNICATION SYSTEM USING A CODEBOOK	021814/0966

**Broadcom 3.73(b)/POA List**

<b>Docket No.</b>	<b>Applicant/Patent Owner</b>	<b>File Date</b>	<b>Application No.</b>	<b>Conf No.</b>	<b>Title</b>	<b>Reel/Frame</b>
BP6745	Matthew James Fischer	08/15/2008	12/192,568	3002	METHOD AND SYSTEM FOR BLUETOOTH (BT) DELAYED ACKNOWLEDGEMENT (ACK)	021788/0860
BP6746	Matthew James Fischer	09/12/2008	12/209,379	4386	Method and System for Multicast Retry in a Communication Network	022398/0635
BP6963	Kolze, et al.	11/12/2008	12/269,865	1141	METHOD AND SYSTEM FOR DIGITAL VIDEO BROADCAST FOR CABLE (DVB-C2)	022467/0238
BP7024	Diab, et al.	08/21/2008	12/196,120	9747	METHOD AND SYSTEM FOR A CENTRALIZED VEHICULAR ELECTRONICS SYSTEM UTILIZING ETHERNET WITH AUDIO VIDEO BRIDGING	021470/0741
BP7024I1	Diab, et al.	03/31/2010	12/751,829	1335	METHOD AND SYSTEM FOR A CENTRALIZED VEHICULAR ELECTRONICS SYSTEM UTILIZING ETHERNET IN AN AIRCRAFT	024432/0104
BP7025	Diab, et al.	08/21/2008	12/196,142	9785	METHOD AND SYSTEM FOR VEHICULAR POWER DISTRIBUTION UTILIZING POWER OVER ETHERNET	021470/0764
BP7090	Chen, et al.	04/23/2009	12/428,943	9979	OD AND SYSTEM FOR VIDEO TRANSMISSION AND PROCESSING WITH CUSTOMIZED WATERMARKING DELIVERY	023194/0659
BP7106	Greg Goldman	05/01/2009	12/434,401	1131	METHOD AND SYSTEM FOR USING POWER MANAGEMENT BITS IN ACKNOWLEDGMENT (ACK) FRAMES RECEIVED FROM WIRELESS ACCESS POINTS	023771/0531
BP7295	Plasinski, et al.	03/17/2009	12/405,354	3440	METHOD AND SYSTEM FOR SECURE BLOCK ACKNOWLEDGMENT (BLOCK ACK) WITH PROTECTED MAC SEQUENCE NUMBER	022666/0757
BP7322	Ariyavisitakul, et al.	04/27/2009	12/430,286	2846	METHOD AND SYSTEM FOR PREDICTING CHANNEL QUALITY INDEX (CQI) VALUES FOR MAXIMUM LIKELIHOOD (ML) DETECTION IN A 2X2 MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) WIRELESS SYSTEM	022665/0614
BP7488	Jeyhan Karaoguz	08/12/2009	12/539,759	9954	POSITION-BASED CONTROL OF ACCESS TO ALTERNATIVE COMMUNICATION NETWORKS	023113/0553